



National Disaster Management Authority
Government of India



Economic Advisory Council to the Prime Minister
Government of India



Webinar on Industrial Safety

“Coping with New Normal”

May 22, 2020

Industrial Safety - DRR: New Normal as Strategic Opportunity

Dr. Anil Kumar Gupta

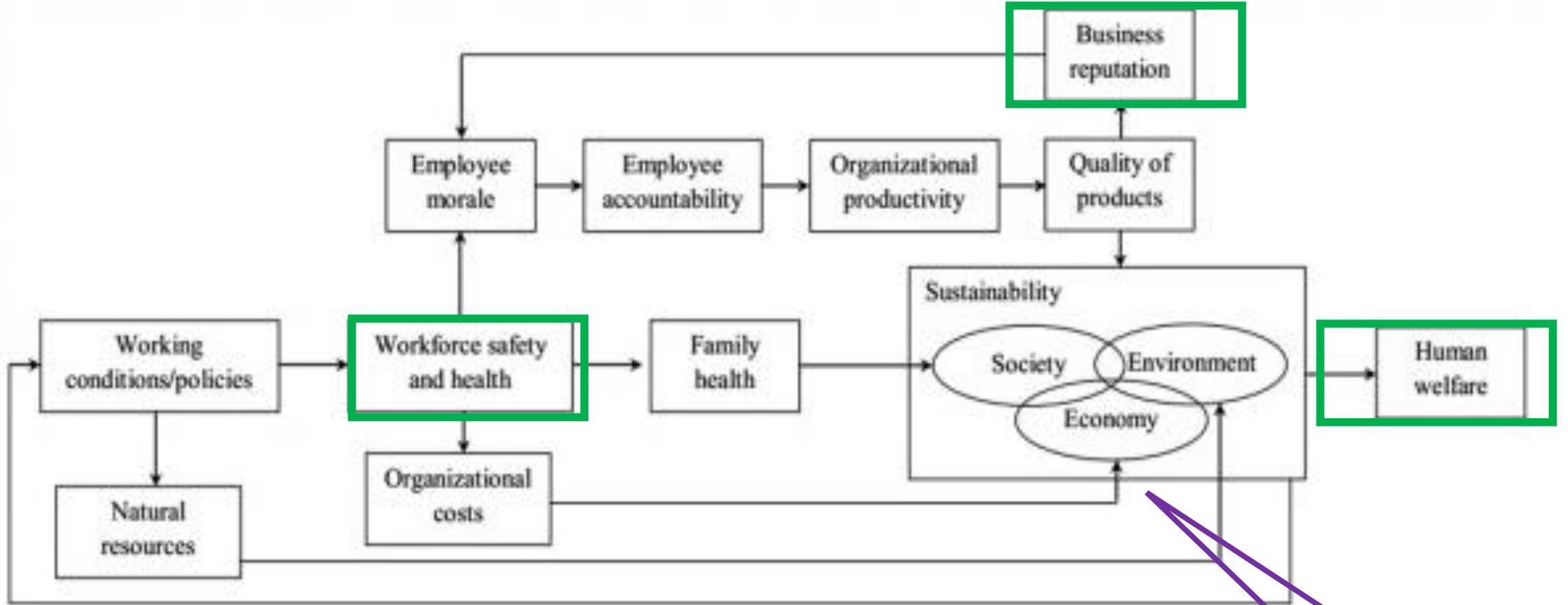
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Policy shifts or management changes: WHY

- Addressing root cause is still lacking. Mostly the businesses or organizations are reactive and emergency response focused when comes to disasters
- Disaster and environmental risks are seldom a part of BCS or corporate sustainability discourse, at present
- Hence, underlying causes of risk and crisis situation is critical to BCS plan. “No Surprises” should be the mantra for BCS.
- ‘Industrial safety’ and ‘Industrial Accidents / Disasters’

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KEY ISSUES

- Covid-19 – Call for New Normal(s)
- Industrial safety - TO - Integrated Risk Management
 - Safety risks, Accidents
 - Health risks – Occupational / Environmental-health / Biological - Infectious
 - On-site and Off-site Scenarios
 - Environmental & Climatic risks (temperature extremes, wind, heavy rains, flooding ..)
 - Structural / physical protection (including earthquake)
 - Transport of Hazardous Goods
 - Wastes – Hazardous, Civil
- Disaster Risk Management – Integral to BCB / BIA, Business Sustainability

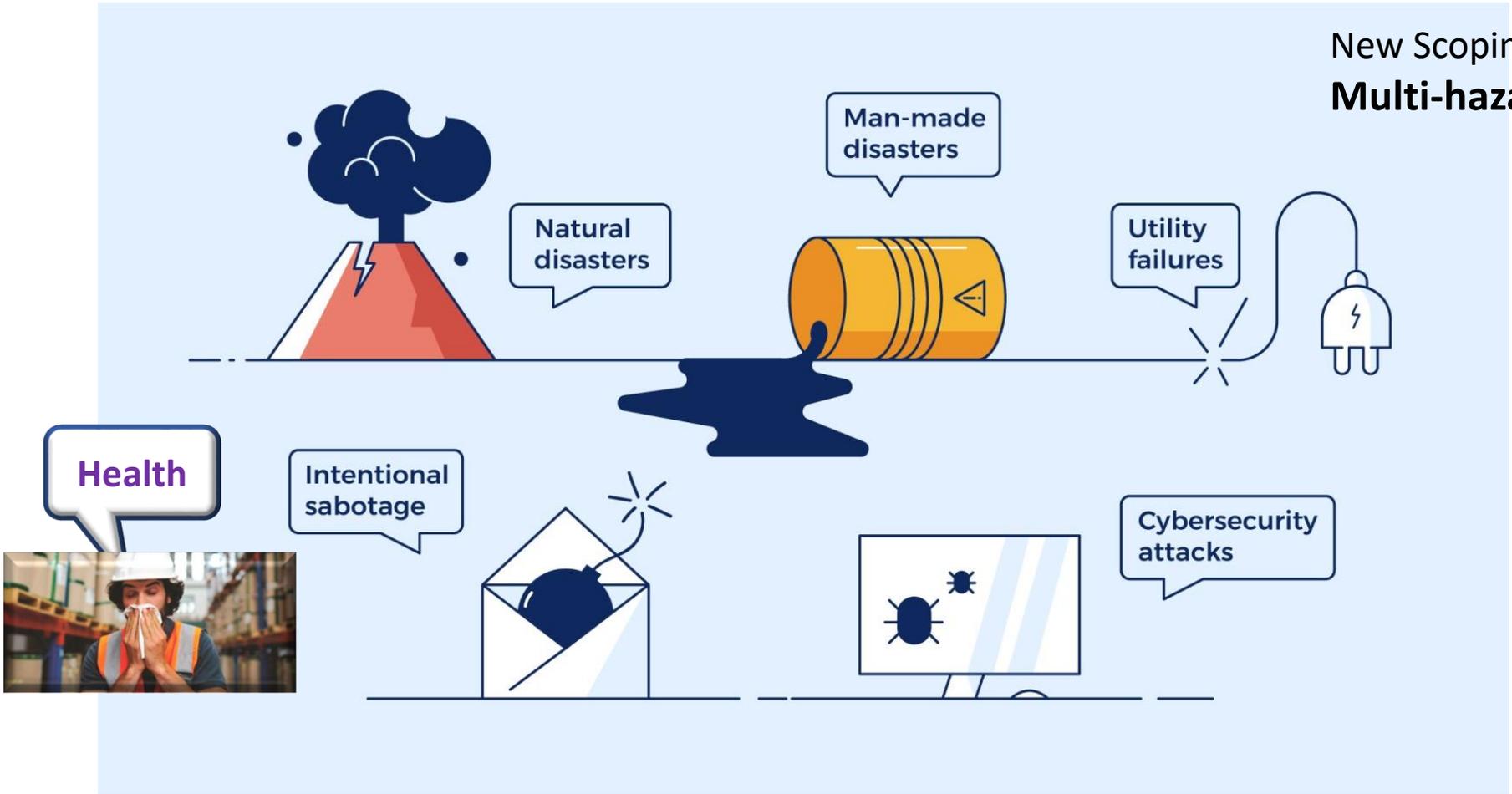
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New Scoping: Multi-hazard DRR

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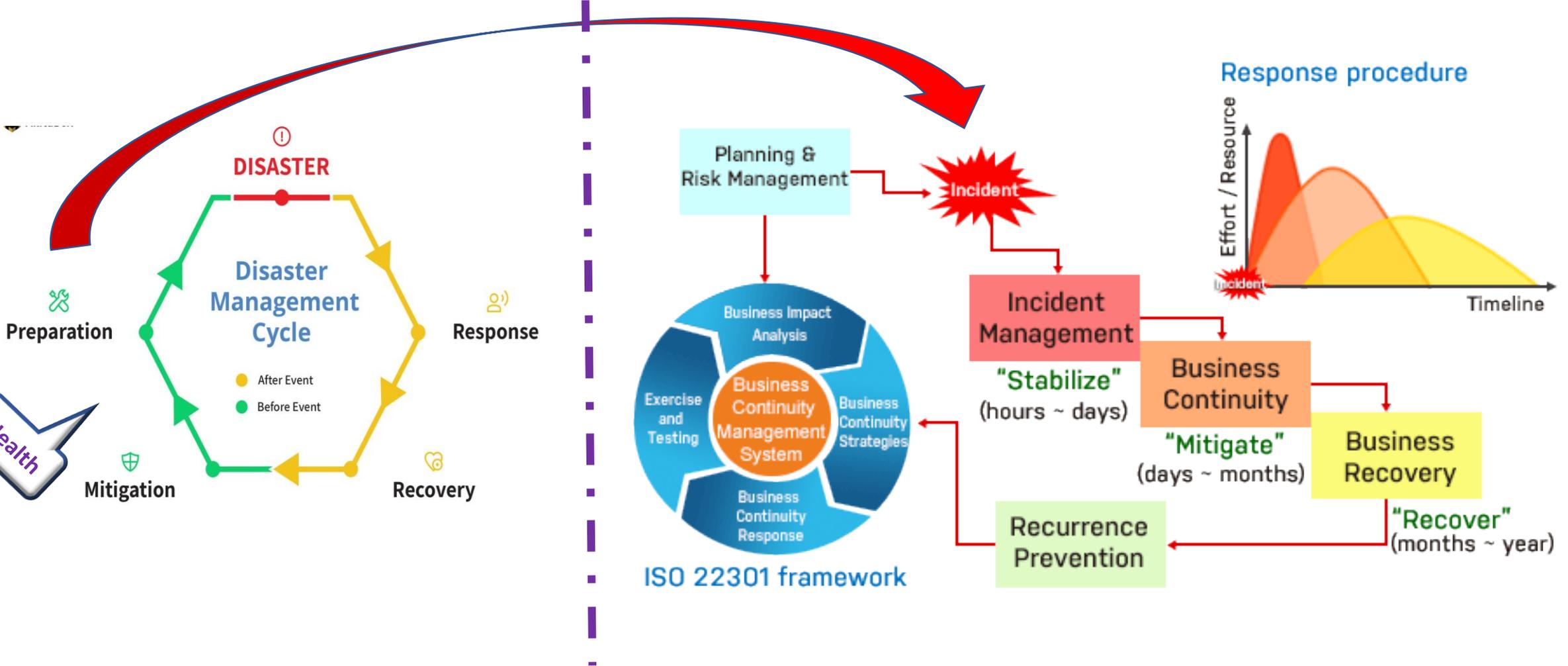
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Protecting Businesses and Infrastructure

- Re-working the strategy of investment and return anticipation
- Re-look at Cost-benefit Analysis
- DIA as integration to EIA/SEA process and Auditing, LCA !!
- Maintenance / repair needs & costs be incorporated in project planning,
- Anticipation and assessment of 'all possible surprises/ risk scenarios', and points of vulnerabilities - technical, human, systemic, environmental, etc.
- Capacity building and drawing lessons for failures



- Environment / Factories / Labour / Safety Law and Codes to be revisited
- Strategic Tools and Planning: RA/DMP, Safety Audit (SHE)
- Accident Reporting (CAIRS), GPRS (Geotagged information)
- Resources: Poison Information Centres, Crisis Control Rooms
- Data and Risk Status Updation – MAH Units, Inventory, Public Information, Off-site plan, etc
- Behavioral, Absenteeism, Skills,
- Contractor services (workers) – Extended liability
- Wastes (New hazard) – Civil waste / Bio-hazards (canteen, restaurants, etc)
- Corporate social responsibility (CSR) – workers families, disposal areas, downstream villages, etc.
- New normal for training, capacity building – challenges????

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Thank You !!

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